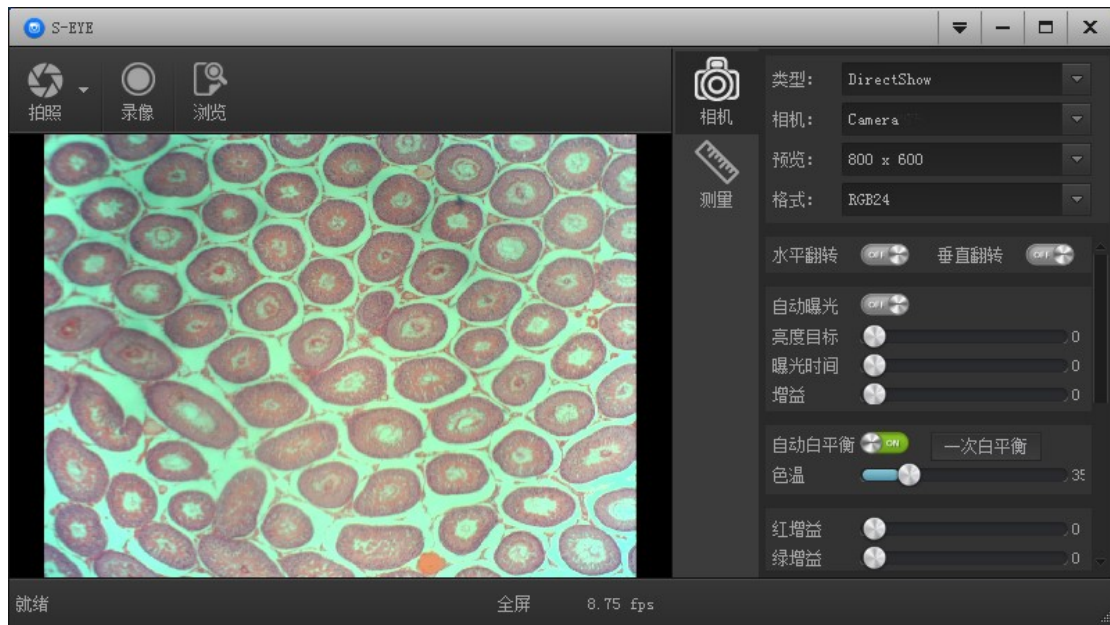


S-EYE Software Instruction

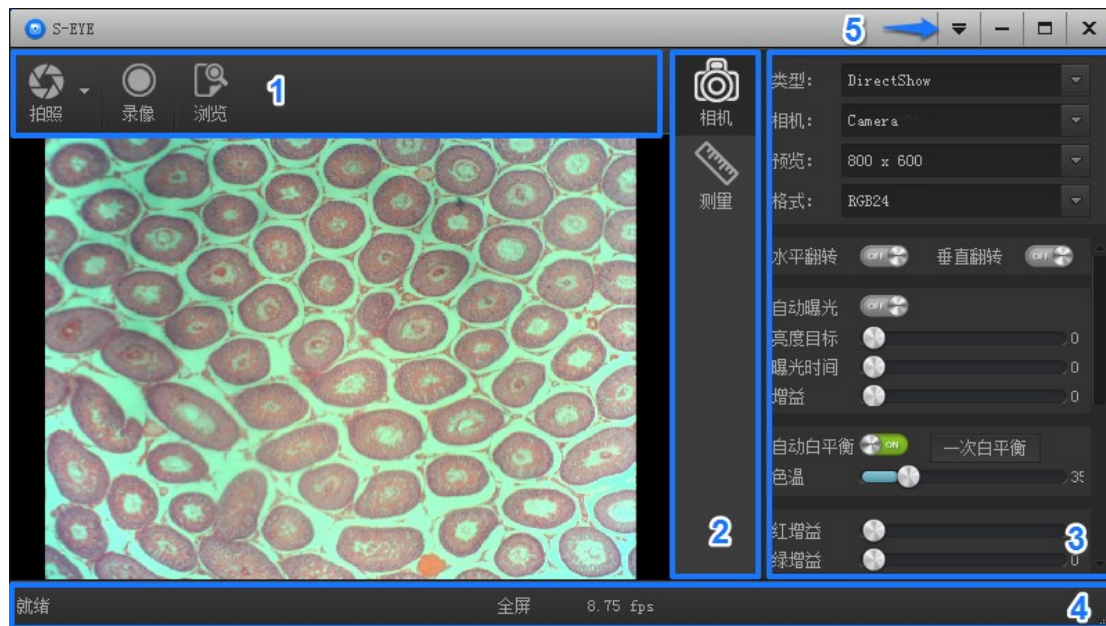


Introduction

S-EYE is an software for microscope camera of the dynamic image processing application, the feature as belows:

1. Support to work with a variety of cameras, easily switch among them any time to capture image and video from the camera.
2. Image Preview with the GPU rendering, support high resolution and high frame rates dynamic image display
3. Support dynamic image measuring function
4. Simple and convenience software interface operation

User Interface



1. Tool Panel: Capture image, video and preview
2. Side Switch Label: Used to switch the right control panel, which is offer the camera control and measurement functions.
3. Side Control Panel: Camera parameter adjustment
4. Status Bar: Display status information, such as full screen, zoom and so on.
5. Main Menu: Settings interface, software information and so on.

Capture

S-EYE software is used for capture image and video function from the camera:

1. Capture Photo: Click the photo button to take photo. Click the photo button to the right of the small arrow, a pop-up menu can be set up file format and image size.
2. Capture Video: Click the video button to start take a video, click again to stop the video. The video file is mp4 with suffix of the h. 264 files.
3. Preview: Click the browse button, find the image file from Windows resource management file.



Parameter Setting

类型：

DirectShow

相机：

Camera

预览：

800 x 600

格式：

RGB24

水平翻转

垂直翻转

自动曝光

亮度目标

曝光时间

增益

自动白平衡

一次白平衡

色温

红增益

绿增益

蓝增益

亮度

对比度

饱和度

色相

伽马值

锐度

默认值

属性页

Camera Equipment Settings: Choose different types of cameras, the preview resolution and output format of image.

The image flip vertically and horizontally

Exposure and Gain Setting



White Balance Setting














R/G/B Adjustment

Brightness/Contrast/Saturation/Hue/Gamma Value Setting

Default Settings.
Camera Property Page: Support the common cameras of the DirectShow type.

Measuring

Icon	Function	Description
	Movement	Move the measuring tool on the image, the whole or one endpoint movement
	Point	Mark a point on the image

	Line	Measure distance of two points.
	Broken line	Drawing the broken line, , finish by the right mouse button, the length of the broken line measurement
	Rectangle	The area of rectangle measurement
	Irregular polygon	Drawing the irregular polygon, finish by the right mouse button , the area of the polygon measurement
	Circle	Center and radius determine a circle , round radius and area measurement
	Two-point Circle	Two points on the diameter and the circumference determine a round, round radius and area measurement
	Three-point Circle	Three points on the circumference of a circle to determine a round, round radius and area measurement
	Arc	Three points to determine a circular arc, the length of the arc measurement
	Angle	Angle measurement
	Point-line Distance	To measure the vertical distance from a point to a straight line
	Delete	Delete one or same
	Delete ALL	Delete all
	Export	Export measuring data to a CSV file, open with Excel format